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Nippon America 4330172180

Nippon America 10-inch Steel Mesh Speaker Grills Instruction Manual

Brand: Nippon America | **Model:** 4330172180

1. Product Overview

The Nippon America 10-inch Steel Mesh Speaker Grills are designed to protect your 10-inch woofers and speakers from physical damage. These durable grills feature a robust steel mesh construction and are suitable for various applications, including car audio systems, DJ setups, and PA speakers.

Each package includes two 10-inch steel mesh speaker grills, along with the necessary speed clips and mounting screws for secure installation.



Image 1.1: Two 10-inch steel mesh speaker grills, ready for installation.

2. Setup and Installation

Follow these steps to properly install your Nippon America 10-inch speaker grills:

1. **Prepare the Speaker:** Ensure your 10-inch woofer or speaker is securely mounted in its enclosure or vehicle. The grill is designed for speakers with an outer diameter of approximately 10.5 inches and an inner diameter of 10 inches.
2. **Position the Grill:** Place one steel mesh grill over the speaker cone, aligning the outer rim of the grill with the speaker's mounting surface. Ensure the grill sits flush and does not obstruct the speaker's movement.



Image 2.1: Front view of a single 10-inch steel mesh speaker grill.

3. **Insert Speed Clips:** For each mounting hole on the speaker grill frame, insert a speed clip onto the back of the frame. The speed clips are designed to provide a secure grip for the screws.

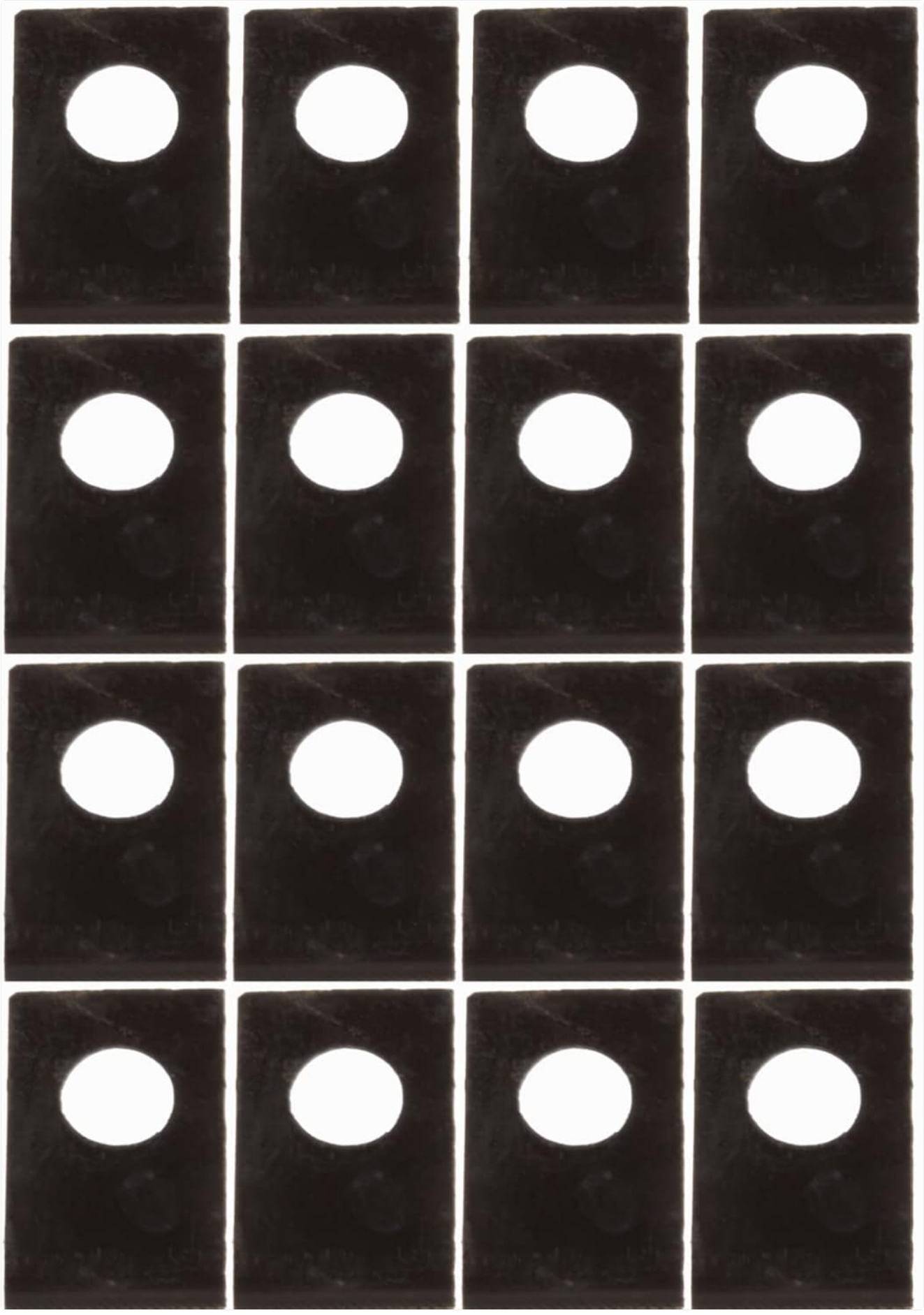


Image 2.2: Included speed clips for secure mounting.

4. **Secure with Screws:** Align the grill and speed clips with the mounting holes on your speaker or speaker enclosure. Insert the provided mounting screws through the grill's holes and into the speed clips.



Image 2.3: Included black mounting screws.

5. **Tighten Screws:** Using a suitable screwdriver, carefully tighten each screw. Do not overtighten, as this can strip the threads or damage the speaker frame or enclosure. Ensure the grill is firmly attached and does not wobble.
6. **Repeat for Additional Grills:** If installing multiple grills, repeat the process for each speaker.

3. Operating Instructions

Once properly installed, the Nippon America 10-inch Steel Mesh Speaker Grills operate passively by providing a protective barrier for your speakers. No further user interaction is required for their function. They are designed to absorb impacts and prevent foreign objects from damaging the speaker cone and surround.

4. Maintenance

To ensure the longevity and appearance of your speaker grills, follow these simple maintenance guidelines:

- **Cleaning:** Periodically wipe the grills with a soft, damp cloth to remove dust and dirt. Avoid using harsh chemicals or abrasive cleaners, as these can damage the finish.
- **Inspection:** Regularly inspect the grills for any signs of damage, such as dents, bends, or loose screws. Address any issues promptly to maintain optimal protection.
- **Secure Fasteners:** If you notice any rattling or looseness, gently re-tighten the mounting screws.

5. Troubleshooting

Most issues with speaker grills are related to installation. Here are some common troubleshooting tips:

- **Grill is Loose or Rattling:**
  - Check all mounting screws and ensure they are tightened securely.
  - Verify that the speed clips are correctly seated and gripping the screws.
  - Ensure the grill is sitting flush against the mounting surface without any gaps.
- **Grill Does Not Fit:**
  - Confirm that your speaker is a 10-inch woofer. These grills are specifically designed for 10-inch speakers.
  - Measure the outer and inner diameters of your speaker to ensure compatibility with the grill's dimensions (10.5" outside, 10" inside).

6. Specifications

Feature	Specification
Brand	Nippon America
Model Number	4330172180
UPC / GTIN	634894162157
Speaker Type Compatibility	Woofer (10-inch)
Material	Steel Mesh
Outer Diameter	10.5 inches
Inner Diameter	10 inches
Included Components	4 Speaker Grills, Screws, Speed Clips
Item Weight	16 ounces (total for 2 pairs)
Recommended Uses	Car Audio, DJ Speakers, PA Speakers

7. Warranty Information

Specific warranty details for the Nippon America 10-inch Steel Mesh Speaker Grills are not provided in this manual. For information regarding product warranty, please refer to the documentation included with your purchase or contact the retailer from whom you purchased the product. You may also visit the official Nippon America website for general warranty policies.

8. Customer Support

If you encounter any issues or have questions not covered in this instruction manual, please contact your retailer or the manufacturer, Nippon America, directly. Please have your product model number (4330172180) and purchase information ready when contacting support.

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